OiN - Operator Information Network

Introduction

OiN (Operator Information Network) is a cutting-edge binary signal routing and communication control system designed to operate across private, business, and secure ECOMM networks. Leveraging binary state logic (0/1) and symbolic switch paths (a-m), OiN provides intelligent routing, security filtering, and real-time NEiX:SWITCHBOARD integration.

System Structure

OiN uses switch-based routing where each node (a-m) represents a signal logic gate. Depending on input and command status, signals are routed based on 0 (standby) or 1 (active) states.

Node Definitions

Key Nodes:

- a: Entry Point (System Gateway)
- b: Authorization Switch
- c: Home Network Gateway
- d: External Router (ECOMM)
- e: Security Scan Node
- f: Business Comm Layer
- g: Firewall Control Gate
- h: Private Filter Gateway
- i: Data Monitoring Hub

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- j: Loopback Diagnostic Node

- k: Signal Splitter/Router

- l: Traffic Prioritization Unit

- m: NEiX Core Router Link

Routing Modes

Routing Modes:

- Home: a -> c -> e -> i -> m

- Business: a -> b -> f -> k -> l -> m

- Private: a -> b -> h -> g -> j -> m

- ECOMM: a -> d -> h -> l -> m

Network Connection

OiN is designed to seamlessly integrate with NEiX:SWITCHBOARD for centralized operator command and encrypted binary routing, adaptable to home, business, or private node networks.